

Title (en)
HAIR PROCESSING AGENT AND METHOD FOR PERMANENT WAVING HAIR

Title (de)
HAARBEHANDLUNGSMITTEL UND VERFAHREN ZUM DAUERWELLEN VON HAAREN

Title (fr)
AGENT DE TRAITEMENT CAPILLAIRE ET PROCEDE D'ONDULATION PERMANENTE DES CHEVEUX

Publication
EP 1827370 B1 20140416 (EN)

Application
EP 05820372 A 20051220

Priority

- JP 2005023834 W 20051220
- JP 2004368373 A 20041220
- JP 2005086089 A 20050324
- JP 2005087141 A 20050324
- JP 2005092178 A 20050328

Abstract (en)
[origin: WO2006068276A1] Provided are hair processing agents capable of permanent waving hair even at a neutral to weakly acidic pH range that causes less irritation to the skin, and hair processing agents in which an unpleasant odor is masked. Hair processing agents contain at least one compound represented by the formula (2). Hair processing agents contain a compound of the formula (2) and at least one compound (ii) selected from thioglycolic acid, thiolactic acid, cysteine, acetylcysteine, cysteamine, acylcysteamine, salts thereof and ester derivatives thereof. Hair processing agents contain a compound of the formula (2), a surfactant and water, and are emulsified. Hair processing agents contain a compound of the formula (2) and a specific perfume. wherein X is a structure selected from -O-, -S-, -NH- and -NR¹-; R¹ is an alkyl group of 1 to 6 carbon atoms; Y is an oxygen atom or a sulfur atom; in the formula (1), Z is a divalent organic residue having at least one mercapto group; in the formula (2), R is a divalent organic residue optionally having a mercapto group; and R² is a hydrogen atom or an alkyl group of 1 to 6 carbon atoms.

IPC 8 full level
A61K 8/49 (2006.01); **A61Q 5/04** (2006.01)

CPC (source: EP KR US)
A61K 8/49 (2013.01 - KR); **A61K 8/4933** (2013.01 - EP US); **A61Q 5/04** (2013.01 - EP KR US)

Citation (examination)
Human translation of the relevant parts of JPH0597800

Cited by
EP2535038A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2006068276 A1 20060629; AU 2005320058 A1 20060629; AU 2005320058 B2 20091001; CN 101083975 A 20071205; CN 101083975 B 20101201; CN 101669887 A 20100317; CN 101669887 B 20121205; EP 1827370 A1 20070905; EP 1827370 B1 20140416; ES 2460865 T3 20140514; KR 100905733 B1 20090701; KR 20070089248 A 20070830; TW 200637595 A 20061101; TW I373347 B 20121001; US 2008085251 A1 20080410; US 8961946 B2 20150224

DOCDB simple family (application)
JP 2005023834 W 20051220; AU 2005320058 A 20051220; CN 200580043646 A 20051220; CN 200910171912 A 20051220; EP 05820372 A 20051220; ES 05820372 T 20051220; KR 20077016845 A 20070720; TW 94145330 A 20051220; US 79282805 A 20051220